Abstract of the Disclosure

A fuel injector includes a metering orifice disc. The metering orifice disc includes a peripheral portion, a central portion, and an orifice. The peripheral portion is with respect to a longitudinal axis and extends parallel to a base plane. The peripheral portion bounds the central portion. The central portion includes a facet that extends parallel to a plane that is oblique with respect to the base plane. The orifice penetrates the facet and extends along an orifice axis that is oblique with respect to the plane. As such, the orientation of the orifice with respect to the longitudinal axis is defined by a combination of (1) a first relationship of the plane with respect to the base plane, and (2) a second relationship of the orifice axis with respect to the plane. A method of forming a multi-facetted dimple for the metering orifice disc is also described.